



- BIAS METER SWITCH (MDI SHOWN IN "OFF" POSITION. SWITCH SEQUENCE:
1. OFF
 2. V_B
 3. V₉ BIAS
 4. V_B
 5. V₇
 6. CHANNEL A AC BALANCE
 7. CHANNEL B AC BALANCE

1. DC voltage measurements taken with vacuum tube voltmeter; AC voltages measured at 1000 ohms per volt.
2. Socket connections are shown as bottom views.
3. Measured values are from socket pin to common negative.
4. Line voltage maintained at 117 volts for voltage readings.
5. Nominal tolerance of component values makes possible a variation of ±1% in voltage and resistance readings.
6. All controls at minimum, proper output load connected.

SEE PARTS LIST FOR ALTERNATE VALUES ON APPLICATION

DC CON. RESISTANCE VALUES UNDER ONE OHM NOT SHOWN ON SCHEMATIC DIAGRAM

ARROWS ON CONTROLS INDICATE CLOCKWISE ROTATION (CONTROL VIEWED FROM SHAFT END)

RESISTANCE READINGS

TUBE	TYPE	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8	Pin 9
V1	12BY7A	220Ω	1MΩ	200Ω	1.2Ω	1.2Ω	.2Ω	1.5K	1.3K	220Ω
V2	12BY7A	520Ω	1MΩ	520Ω	.2Ω	.2Ω	.2Ω	1.5K	1.2K	520Ω
V3	12BY7A	520Ω	1MΩ	520Ω	.2Ω	.2Ω	.2Ω	1.5K	1.2K	520Ω
V4	12BY7A	220Ω	1MΩ	200Ω	1.2Ω	1.2Ω	.2Ω	1.1K	1.3K	220Ω
V5	12BY7A	520Ω	1MΩ	520Ω	.2Ω	.2Ω	.2Ω	1.5K	1.2K	520Ω
V6	12BY7A	520Ω	1MΩ	520Ω	.2Ω	.2Ω	.2Ω	1.5K	1.2K	520Ω
V7	KT88	TP	.2Ω	1.7Ω	1.3Ω	1.1K	TP	.2Ω	15Ω	
V8	KT88	NC	.2Ω	1.6Ω	1.3Ω	1.1K	TP	.2Ω	15Ω	
V9	KT88	NC	.2Ω	1.6Ω	1.3Ω	1.1K	TP	.2Ω	15Ω	
V10	KT88	NC	.2Ω	1.7Ω	1.3Ω	1.1K	TP	.2Ω	15Ω	

1 MEASURED FROM OUTPUT OF ME. TP TEST POINT
 NC NO CONNECTION

